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RONALD A KATZ

Patent

241/184 (prev. 6646-114N3)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:

Ronald A. KATZ

Serial No.: 09/313,120

Filed: May 17, 1999

For: TELEPHONE INTERFACE CALL
PROCESSING SYSTEM WITH
CALL SELECTIVITY

Group Art Unit: 2643

Examiner: S. Woo



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Commissioner for Patents
Washington, D.C. 20231

SUPPLEMENTAL AMENDMENT

Dear Sir:

Further to the amendment submitted on May 23, 2001, please further amend the subject application as indicated below.

IN THE CLAIMS:

Please amend claims 17-22 as indicated below in clean form. Another version of the claims that is marked to show the amendments (reflected below) relative to the previous version of the claims is attached to this supplemental amendment.

17. (Three Times Amended) A telephone call processing system for receiving calls through a telephone communication facility from a multitude of terminals for processing in a select interfacc format wherein callers are cued by voice signals supplied to said multitude of terminals and respond with digital signals, as by actuating push

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to said multitude of terminals and respond with digital signals, as by actuating push buttons at said multitude of terminals, said system receiving from the telephone communication systems digital signals indicative of DNIS, said telephone call processing system comprising:

means for selectively receiving calls from said multitude of terminals in a plurality of call modes to establish telephone communication with a select subset of callers utilizing calling number identification signals automatically provided by the telephone communication facility, said select interface format selected by said digital signals indicative of DNIS;

means for receiving identification signals for said callers of said select subset;

means for individually cuing said callers of said select subset to provide digital signals that are entered by the callers, wherein at least certain of the cues and their responsive digital signals are a part of common processing operations to isolate a sub-subset of said callers; and

means for storing identification signals for said callers of said sub-subset.

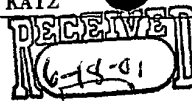
18. (Amended) A telephone call processing system according to claim 17, further comprising:

a random number generator utilized during the common processing operations for isolating said sub-subset of said callers.

318. (Three Times Amended) A telephone call processing system for receiving calls through a telephone communication facility from a multitude of terminals for processing in a select interface format wherein callers are cued by voice signals supplied to said multitude of terminals and respond with digital signals, as by actuating push buttons at said multitude of terminals, said telephone call processing system comprising:

means for receiving calls from said multitude of terminals in at least two or more call modes and establishing telephone communication to select a subset of callers based upon online responses provided by said select subset of callers to questions provided via a voice generator of the telephone call processing system, said means for receiving calls

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receiving and utilizing automatic number identification signals associated with a calling terminal automatically provided by the telephone communication facility;

means for providing identification signals entered by said callers of said select subset; and

means for processing data relating to said callers of said select subset in accordance with common processing operations for calls received in the two or more call modes to isolate a sub-subset of said callers.

20. (Amended) A telephone call processing system according to claim 19, further comprising:

a random number generator utilized during the common processing operations for isolating said sub-subset of said callers.

21. (Four Times Amended) A telephone call processing system for receiving calls through a telephone communication facility from a multitude of terminals for processing in a select interface format wherein callers are cued by synthesized voice signals supplied to said multitude of terminals and respond with digital signals, as by actuating push buttons at said multitude of terminals, said telephonic call processing system comprising:

means for selectively receiving calls from said multitude of terminals to establish telephone communication with a select subset of callers, said means for selectively receiving calls comprising means for receiving calls in a plurality of call modes including a toll free calling mode and a caller charge calling mode or an area code mode;

means for providing identification signals entered by said callers of said select subset;

means for individually cueing said callers of said select subset to prompt digital signals, wherein at least certain of the cues and their responsive digital signals are a part of common processing operations for the plurality of call modes to isolate a sub-subset of said callers; and

means for storing identification signals for said callers of said sub-subset.

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22. (Four Times Amended) A telephone call processing system for receiving calls through a telephone communication facility from a multitude of terminals for processing in an interface format wherein callers are cued by synthesized voice signals supplied to said multitude of terminals and respond with digital signals, as by actuating push buttons at said multitude of terminals, said telephone call processing system comprising:

means for receiving calls from said multitude of terminals and establishing telephone communication to select a subset of callers based upon online responses provided by said select subset of callers to questions provided by a voice generator of the telephone call processing system, said means for receiving calls comprising means for receiving calls in a plurality of call modes including an "800" toll free calling mode and a caller charge calling mode or an area code mode;

means for receiving identification signals entered by said callers of said select subset; and

means for processing data relating to said callers of said select subset in accordance with common operations for the plurality of call modes to isolate a sub-subset of said callers.

REMARKS

Further to the amendment and response submitted on May 23, 2001, Applicant is submitting this supplemental amendment to further refine claims 17-22. Claims 1-16 were previously canceled. Accordingly, claims 17-36 are pending. Applicant has amended the claims to further clarify them and has amended the scope of the claims to variously include features whereby the claimed system receives calls in two or more call modes and processes data relating to callers calling in the two or more call modes in accordance with common operations. Applicant respectfully submits that although he believes that the claims were distinct before for the reasons urged in the amendment and response submitted on May 23, 2001, he is amending

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the claims in the interest of expediting allowance of this application. Favorable consideration and allowance of the claims pending here is respectfully requested.

Respectfully submitted,

Dated: June 18, 2001

By: Reena Kuyper

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6646-114N3

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Marked Version of Claims 17-22:

The changes are shown by brackets (for deleted matter) or underlining (for added matter).

17. (Three Times Amended) A telephone call processing system for receiving calls through a telephone communication facility from a multitude of terminals for processing in [an] a select interface format wherein callers are cued by voice signals supplied to said multitude of terminals and respond with digital signals, as by actuating push buttons at said multitude of terminals, said system [having] receiving from the telephone communication system digital signals indicative of DNIS, said telephone call processing system comprising:

means for selectively receiving calls from said multitude of terminals in a plurality of call modes to establish telephone communication with a select subset of callers utilizing calling number identification signals automatically provided by the telephone communication facility, said select interface format selected by said digital signals indicative of DNIS;

means for [providing] receiving identification signals for said callers of said select subset;

means for individually cuing said callers of said select subset to provide digital signals that are entered by the callers, wherein at least certain of the cues and their responsive digital signals are a part of common processing operations to isolate a sub-subset of said callers; and

means for storing identification signals for said callers of said sub-subset.

18. (Amended) A telephone call processing system according to claim 17, further comprising:

a random number generator utilized during the common processing operations for isolating said sub-subset of said callers.

19. (Three Times Amended) A telephone call processing system for receiving calls through a telephone communication facility from a multitude of terminals for

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processing in [an] a select interface format wherein callers are cued by voice signals supplied to said multitude of terminals and respond with digital signals, as by actuating push buttons at said multitude of terminals, said telephone call processing system comprising:

means for receiving calls from said multitude of terminals in at least two or more call modes and establishing telephone communication to select a subset of callers based upon online responses provided by said select subset of callers to questions provided via a voice generator of the telephone call processing system, said means for receiving calls receiving and utilizing automatic number identification signals associated with a calling terminal automatically provided by the telephone communication facility;

means for providing identification signals entered by said callers of said select subset; and

means for processing data relating to said callers of said select subset in accordance with common processing operations for calls received in the two or more call modes to isolate a sub-subset of said callers.

20. (Amended) A telephone call processing system according to claim 19, further comprising:

a random number generator utilized during the common processing operations for isolating said sub-subset of said callers.

21. (Four Times Amended) A telephone call processing system for receiving calls through a telephone communication facility from a multitude of terminals for processing in [an] a select interface format wherein callers are cued by synthesized voice signals supplied to said multitude of terminals and respond with digital signals, as by actuating push buttons at said multitude of terminals, said telephone call processing system comprising:

means for selectively receiving calls from said multitude of terminals to establish telephone communication with a select subset of callers, said means for selectively receiving calls comprising means for receiving calls in a plurality of call modes including a toll free calling mode and a caller charge calling mode or

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an area code mode;

means for providing identification signals entered by said callers of said select subset;

means for individually cueing said callers of said select subset to prompt digital signals, [for] wherein at least certain of the cues and their responsive digital signals are a part of common processing operations for the plurality of call modes to isolate a sub-subset of said callers; and

means for storing identification signals for said callers of said sub-subset.

22. (Four Times Amended) A telephone call processing system for receiving calls through a telephone communication facility from a multitude of terminals for processing in an interface format wherein callers are cued by synthesized voice signals supplied to said multitude of terminals and respond with digital signals, as by actuating push buttons at said multitude of terminals, said telephone call processing system comprising:

means for receiving calls from said multitude of terminals and establishing telephone communication to select a subset of callers based upon online responses provided by said select subset of callers to questions provided by a voice generator of the telephone call processing system, said means for receiving calls comprising means for receiving calls in a plurality of call modes including an "800" toll free calling mode and a caller charge calling mode or an area code mode;

means for [providing] receiving identification signals entered by said callers of said select subset; and

means for processing data relating to said callers of said select subset in accordance with common operations for the plurality of call modes to isolate a sub-subset of said callers.

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NOTES:

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